

IN THE SPECIFICATION

Please amend the abstract as follows:

--~~The present invention is directed to a~~A power supply apparatus in which a battery and a circuit wiring board or boards are electrically connected by using lead terminals. The lead terminal ~~(3)~~is adapted so that thickness of a welding portion ~~(3a)~~is caused to be thinner than the thickness of a conductive ~~portion (3b)~~portion. Thus, current for welding flows to much degree in a thickness direction so that electric resistance of the welding portion becomes large, and heat based on the electric resistance also becomes large. From this fact, welding nugget ~~(63)~~can be enlarged. As the result of the fact that large welding nugget is formed, the lead terminals are welded to terminal portions ~~(37a)~~of the battery ~~(2)~~with high reliability.--